



# ThingSpace

# SIM-Secure for IoT Devices

## Quick Start Guide

### **Important — Please Read**

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## What is SIM-Secure?

As your connected systems grow, so does your exposure to risk of Subscriber Identity Module (SIM) card misuse. SIM-Secure takes on the burden of securing the SIM of each device that connects to your network.

SIM-Secure helps you:

- ♦ Secure laptops, tablets, smartphones, IoT sensors and devices, industrial equipment and more by pairing each SIM card with a specific device
- ♦ Prevent unauthorized devices from connecting to your private network

Once the SIM Secure feature is applied to a SIM, that SIM is bound to the device in which it is inserted. If the SIM is removed from the original device and placed into a second device the SIM Secure feature will recognize that it is in the wrong device and will prevent connection to the network.

## Before you get started

You need the following to apply the SIM-Secure feature to SIMS on your devices:

- ♦ A Verizon business account provisioned for ThingSpace Manage. If you don't have an account, contact your Verizon account representative.
- ♦ Credentials that authorize you to provision from ThingSpace Manage.
- ♦ The SIMs that you wish to apply SIM-Secure must be inserted in the devices, and the devices must be on and connected to the network.
- ♦ 4G or 5G devices provisioned and activated in your ThingSpace Manage Account.
- ♦ SIM-Secure licenses. Contact your Verizon account representative to purchase a SIM-Secure license . One SIM-Secure license is required for each SIM.

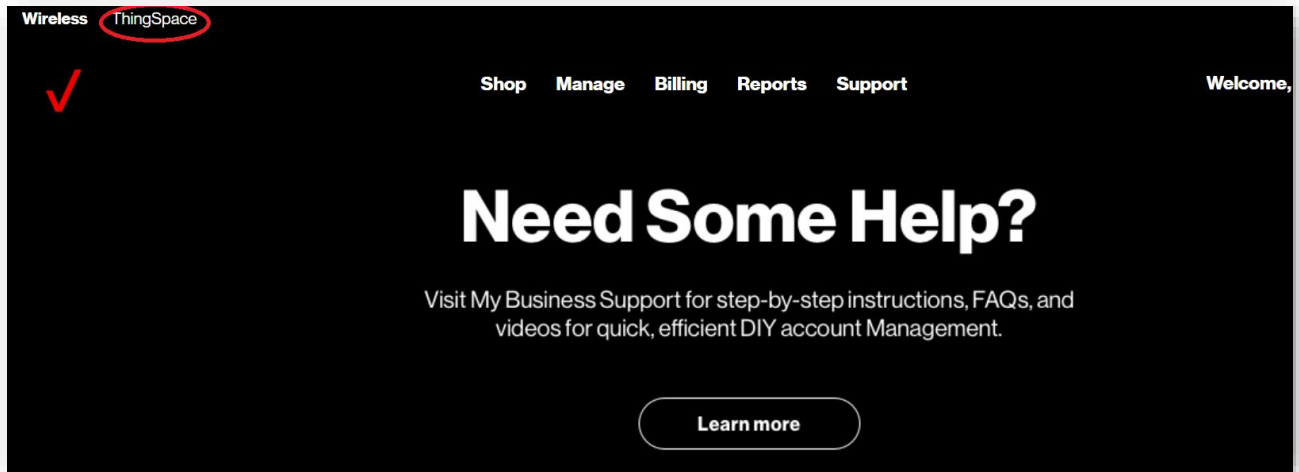
## License Types

- **Lifetime** – The SIM-Secure Lifetime license is assigned to the SIM for the life of the device. You cannot remove a lifetime license once you have assigned it to a device. The skuNumber for Lifetime License is "SIMSec-IoT-Lt".
- **Flexible** – The SIM-Secure Flexible license can be assigned or removed from a SIM at any time. The SKU is purchased a la carte. The skuNumber for a Flexible license is "SIMSec-IoT".
- **Flexible Bundle** — The SIM-Secure Flexible license can be assigned or removed from a SIM at any time. The SKU is bundled with other ThingSpace Services. The skuNumber for a Flexible Bundle license is "TS-BUNDLE-KTO-SIMSEC-MRC".
- **Intelligence Bundle** — The SIM-Secure Flexible license can be assigned or removed from a SIM at any time. The SKU is bundled with ThingSpace Intelligent Services. The skuNumber for an Intelligence Bundle license is "TSS-IOT-INTLG-TIERED-SIMSEC"

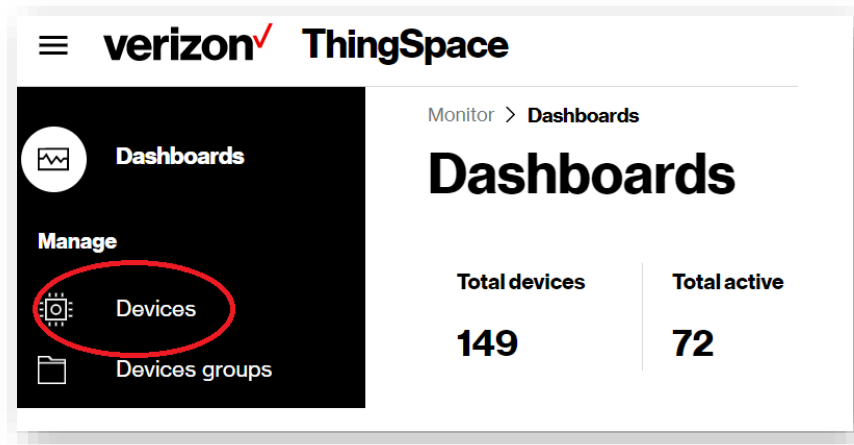
**NOTE:** Once a lifetime license is assigned, the action **cannot** be reversed unless the assignment fails.

## Accessing SIM-Secure

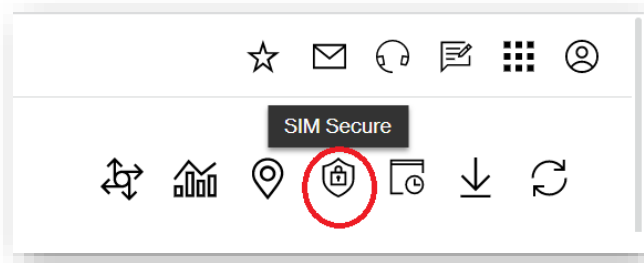
1. Login to [My Business](#) with your My Business credentials.
2. Click **ThingSpace**:



3. Click **Devices**:



4. Click the **Security icon** (in the upper right corner):



5. The **Assign SIM-Secure licenses** page appears:


**Assign SIM Secure licenses** 0000123456-00001

Capable devices: **11**

**Lifetime licenses**

License Type	Count
Purchased	10
Assigned	1
Available	11

0

Enter up to 10 comma-separated IDs.  **Advanced**

Click on **Advanced** to proceed to assigning licenses.

The graph at the top of the page displays how many SIM-Secure licenses have been purchased, the number of licenses remaining to assign and the remaining licenses available to assign. The graph also indicates the total number of devices that are in your account.

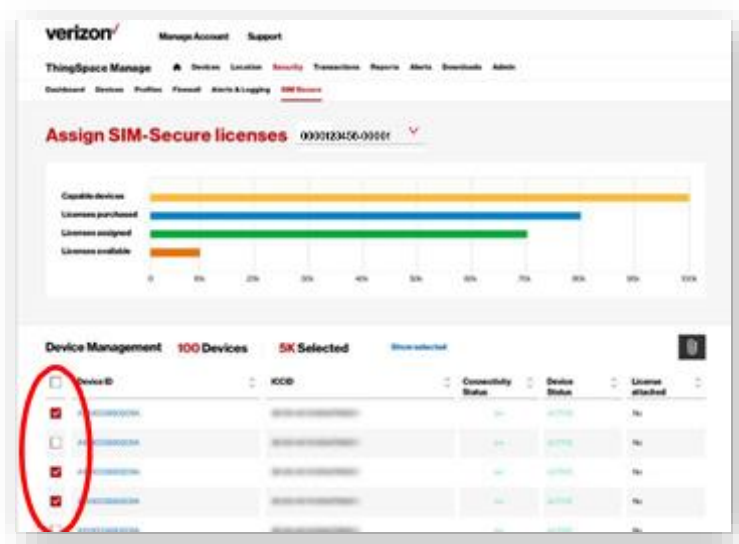
## Assigning SIM-Secure Licenses

In order for SIM-Secure to take effect, you must assign a license to a device via ThingSpace Manage. The device needs to be turned on, and connected to Verizon's LTE or 5G network.

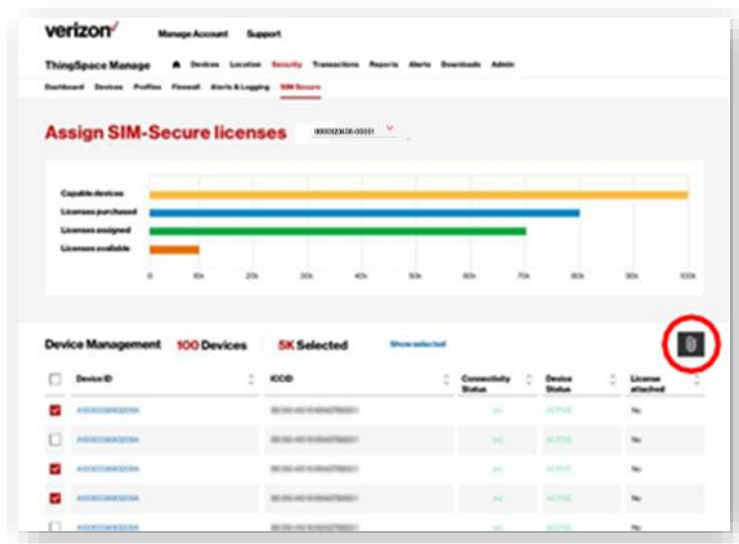
**NOTE:** Once a lifetime license is assigned, the action **cannot** be reversed unless the assignment fails.

Continue to the following steps:

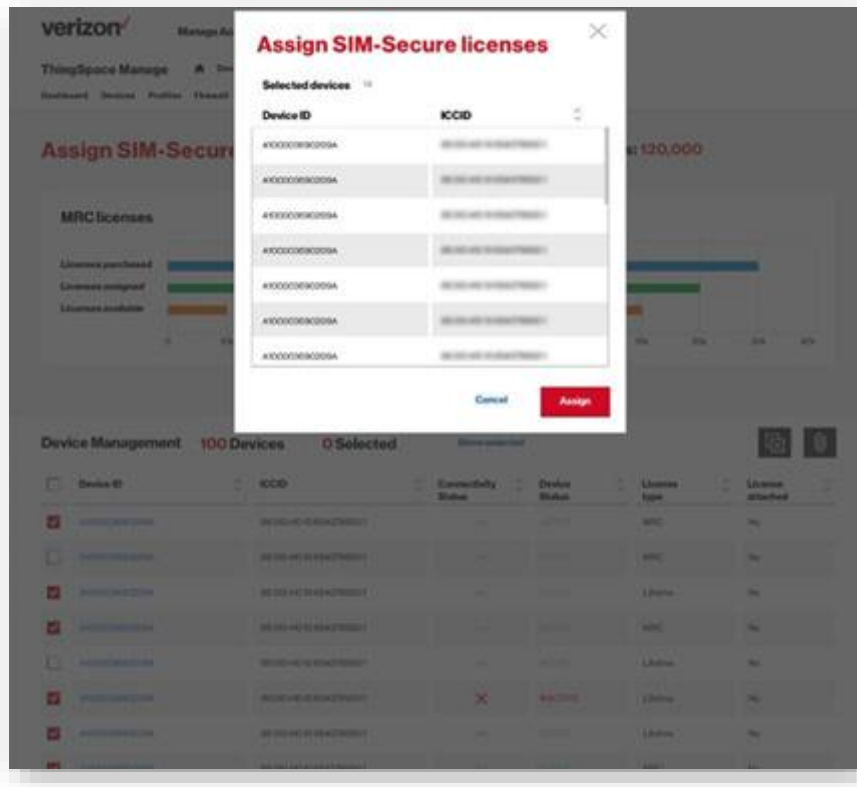
1. Select the device to assign a license to by clicking on the box in the left-hand column of the table by the device ID:



2. Click the paper clip icon and review the list of ICCID's and device identifiers you selected:



3. Click on **Assign** to proceed with provisioning SIM-Secure:





## SIM-Secure Provisioning

The request to provision SIM-Secure is made once you confirm the request to assign licenses. The SIM-Secure table will update to show that a license is assigned and the License type. Until the SIM-Secure feature has taken hold, the License attached status will indicate Assigned. Not until the License attached field reads "Provisioned" will SIM-Secure be enabled on the device. If the device is not on, or not connecting the Verizon network, then the request to provision SIM-Secure will be queued within Verizon's systems.

## Removing a License for Flexible License

If you have purchase flexible SIM-Secure licenses, then you can remove an assigned license from a device, and reapply the license to another SIM/device pair. Lifetime licenses **cannot** be removed once successfully provisioned.